



PRODUCT LITERATURE

CARESOFT-1000

Product Information

Caresoft-1000 is a self dispersible non-hydrophobic silicone softener. It imparts very good softness on cotton, polyester and blends. It is applicable on woven, non-woven and knit fabrics. Caresoft-1000 imparts surface smoothness on the treated fabrics. Caresoft-1000 is applicable by exhaust and padding technique.

Key Features & Benefits

Shear stable	Can be used on soft flow machines and garment washing machines
High concentration	Supersoft Effect
Economical	Cost effective

General Characteristics

Physical appearance	Colourless to light yellow transparent to slight hazy viscous liquid
Ionic nature	Cationic
pH of 1% solution	5 +/- 1
Miscibility	Miscible with water
Compatibility	Compatible with cationic and non ionic products
Stability	Stable to dilute acids and dilute alkalies

Application

<u>Padding process</u>	<u>Exhaust process</u>
*Dosage : 20-60 g/l	*Dosage : 2-4%
Pick-up : 65-70%	Bath pH : 5.0-6.0
Bath pH : 5.0-6.0	Bath Temp : 30-40 deg.C
Drying : 140-160 deg.C	Time : 15-20 min

* Dosages are based on 20% dilution of Caresoft-1000

Instructions for Dilution

Procedure to prepare 20% micro emulsion of Caresoft-1000

- Take 33 parts of Caresoft-1000
- To this, add 0.15 part of Acetic acid and mix it uniformly.
- Add 67 parts of DM water gradually and continue stirring for 30 min. to obtain homogenous product.



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Precautions

Storage	Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg c. Close lids firmly to avoid contact with air and moisture.
Shelf Life	12 months from the date of manufacturing, if stored under controlled conditions.